

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference F-9807-PC	FOR FURTHER ACTION	
International application No. PCT/US2005/016290	International filing date (day/month/year) 10/05/2005	(Earliest) Priority Date (day/month/year) 11/05/2004
Applicant SCIENTIFIC-ATLANTA, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box II).

3. Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/016290

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/167 H04N7/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/146237 A1 (SAFADI REEM) 10 October 2002 (2002-10-10) abstract figures 1-3 paragraphs '0009! - '0013!, '0023! - '0031! claims 1-4	I-16
Y	WO 2004/036892 A (SONY ELECTRONICS INC) 29 April 2004 (2004-04-29) abstract page 5, line 23 - page 6, line 27 page 7, line 16 - page 10, line 4 claims 1,2,8,9,11,12,17 figures 1,2	I-16

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

31 October 2005

07/11/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dobbelaeere, D

1

II INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/016290

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/026423 A1 (UNGER ROBERT ALLAN ET AL) 6 February 2003 (2003-02-06) abstract figures 3-10,18 paragraphs '0039!, '0040!, '0053! - '0057!, '0064! - '0067!, '0071! - '0073!, '0076! - '0086!, '0092! - '0094! paragraphs '0100!, '0101!, '0111! - '0116!, '0125! - '0140!; claims 1-4,13,31	1-16
A	WO 2004/023717 A (SONY ELECTRONICS INC) 18 March 2004 (2004-03-18) abstract page 5, line 3 - page 6, line 17 page 7, line 26 - page 8, line 17 claims 1,10,17,22,27,31 figures 1,6,7	1-16
A	EP 0 989 557 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 29 March 2000 (2000-03-29) abstract figure 1 paragraphs '0019! - '0032! claims 1-4	1-16
A	WO 03/032620 A (UCENTRIC HOLDINGS, INC; VASILEVSKY, ALEXANDER; SPARRELL, CARLTON, J; P) 17 April 2003 (2003-04-17) abstract page 3, line 18 - page 4, line 16 page 8, line 12 - page 9, line 6 figure 1	1-16

INATIONAL SEARCH REPORT

ational Application No

rmation on patent family members

PCT/US2005/016290

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002146237	A1	10-10-2002	NONE		
WO 2004036892	A	29-04-2004	AU 2003296903 A1 CA 2498346 A1		04-05-2004 29-04-2004
US 2003026423	A1	06-02-2003	NONE		
WO 2004023717	A	18-03-2004	AU 2003268468 A1 CA 2498326 A1 CN 1682486 A EP 1543650 A2		29-03-2004 18-03-2004 12-10-2005 22-06-2005
EP 0989557	A	29-03-2000	CN 1262770 A WO 9938164 A1		09-08-2000 29-07-1999
WO 03032620	A	17-04-2003	EP 1440561 A2 US 2003068155 A1		28-07-2004 10-04-2003